AINABINGC GCGGCCCDA DAGICTINGA CSTCGGGANA GAGCAGCCGG AGAGGCAGGG GCGGCGGCGC CTGGCGCTC GCGCAGCTIT TGGGACCCCA TTGAGGGAAI TLGATCCAAG

35

- 75 115 155 195 235 275 315 325 EPVRIPLO KS LPRN MIK MPN HLHH STO ANA ILAI BOF BOL DLL FPLC AMY API CTID FOH EPI KPCK SVC ERA O K K V K R K D M K L R H L G L N 1 S D S S H S D S 1 Q S Q K P G ANGIOGATIC GENTICECET GIBCANGTEC CTBCECTOBA ACATGACTAA GATBCECAAC CACCTBCACE ACAGCACCCA GGCCAACGCC ATCCTGGCCA TCGAGCAGTT CGAAGGTCTG TREGENICE ACTREABACE GRAITIFIED TICTICCIET GIBETATGIA GEGECENE IGENEEAITG ACTICCAGEA GRAGECEATE AAGECTGEA AGTETGIGTG GRAGEGEGE CHORNOGIC GIONGCCAT CTCATCARG TACCGCCACT CGTGGCCGA AAGCTGGCC TGCGAAGAAG TGCCAGTATA TGACCGCGGC GTGTGCATCT CTCCGGAAGG CATCGTCACT GCCGAGGSA CCGAITITCC TATGGATICC AGTAATGGAA ACTGTAGAGG AGCNAGCAG GAACGCTGCA AATGTAAACC AGTCAGAGCT ACACAGAAGA CCTATTTCCG AAACAATTAC ANCHANGICA TICOGGCTAA AGTINAAGAA ATAAAGACCA AGTGTCATGA IGTGACTGCA GTAGTGGAGG IGAAGGAGAI TITAAAGGCT ICICTGGTAA ACAITCCAAG GGAAACTGTG ANCETTAIN CONGETCING CHOCHDING CETCCACTIN ACSTINATEN GENGIATETE AICATOGGET ACGANGATOR AGAGEGETCE AGAITACTOT TGGIAGANGG ITCINITAGET ANACTOTIAN ANITGECOGG GGAGGAGAGA CTCCCAINIC ATTGIGTCCA CTTCCAGGGC GGGGAGGAGG AAACGGCGGA GCGGGCCTCT CGGCGTTCTC CGCACTGCTG CACCCTGCCC ATCTISCO ABATCATOST CTGCGGGAAC CAAGOGGAA TGCTBCTGCT GCGGGCGGG CTACTGGCC TGGCTGCGT CTGCCTGCC GGGTGCCG GAGGGGGGG GGCGGTGT andantgaa agaatgagit togtaaaaaa gitaagcggt gggalatgaa cgtccgtcat citggactga atacaagtga ttctagccat agtgattcca ctcagagtca gaagcctggg RGBAITCIA ACTOCOGGA AGAGGAMO TANATOCTGA AATBCAGAAA ATOCTCAGTG GACTTCCAAT TAAGACTTGC ATTGCTGGAC TAGGAMAGG AANTTGCACT ATTGCAGTG A R A S A SNGN CRG ASS BRCK CKP VRA TOKT YFR DRG VCIS PEA CHD VIA VVRV KEI LKA SLVN IPR DEATTREENVERSERS RITES NICH RGGM LLPAG LLATA AAL CLL RVPG CEELPVY ROGCEPI LIK YRHS WPE SLA VKEIKTK IN IN ADGADFP MDS S 9 0 5 T T T R S S T X T N ARN LGTH CSP E K W K D R L NYVIRAK

NINGICINI ITITAGCAC AAAANICAGG IGGIAACIGA TATTACITCI AITITITCIT ITGITITCIG CITITICICCI ICCCGGAIIC CCITITIGI GGICTGAGIA CAGANCCITA anannya angmincia inicachan cansgbaaaa chencitig caataat<u>aal aaa</u>taaaca isticatacc aggececti iscicgagta aaistiaati iscicitees ISSCATICTE CTOACSCITA SANAGITCIA AATSIITATA AAGSTAAAAI GACASIITSA AATCAAATSE CAACAGSCAG AGCAATCAAG CACCAGBAAG CATITATSAA GAAATSACAC aibadadaa ttaittecda gattegodog aagcaaaar aatagcatta gbagctegeg atagaggatt ttegccteact gagaagcaca actgaaggta gtagctegtg gegtettaac AGCAGCATT TTCTTTGAC GATACATTG TTGTCTGTG AATATATTGA TCAGCATTAG AGCAGTGGAT TGTGACCAGA CATCAGGTGT TATCAGCATA GCTCTGTTA ATTTGCTTCC CACCOCAGITI GGGAATGCDA TATTGGATGG AAAGAGAGAT ITCTGGTATA CAGAGAAAGC TÄGATAGGCT GTAAAGCATA CTTTGCTCAT CTAATTACAG CCTCATTCTT GCATGCCTTT INGCICIATA AAAGGIATA GICAAAAGAI GGTAAAATGI GCAAGATTCI GGGTGTGTGT ATTAATGTGT GTGTGCCGC ATACACTCA ACTCAAGCTG AACTGAACGA CAGGCCTGTG HITMARICA ACGCARIGGE GICTITITI TCITCITITA AMAINAICI CCCTIGCIGC ATTICACCAG GANAAGAAAG CALATATGCA TGIGCACCGG GCIGITATIT cactogocto cacttiatca titogatito toctotitaa igcicagtaa aatafocti<u>a, ataaa</u>ngaa aaaaaaaaa aaaaaaaa aaaa

FIG.

oovine numan	MVCGSR <u>GGML LLPAGLLALAL ALCLLRV</u> PGA RAAACBPVRI PLCKSLPWNM	
oovine numan	TKMPNHLHHS TQANAILAIE QFEGLLGTHC SPDLLFFLCA MYAPICTIDF	100 100
oovine uuman	QHEPIKPCKS VCERARQGCE PILIKYRHSW PESLACEELP VYDRGVCISP	150 150
oovine numan	EAIVTADGAD FFMDSSNGNC RGASSERCKC KPVRATQKTY FRNNYNYVIR	200 200
oovine numan	AKVKEIKTKC HDVTAVVEVK EILKASLVNI PRETVNLYTS SGCLCPPLNV	250 250
oovine numan	NEEYLIMGYE DEERSRLLLV EGSIAEKWKD RLGKKVKRWD MKLRHLGLNT	300 300
oovine human	SDSSHSDSTQ SQKPGRNSNS RQARN	325 325

FIG.2A

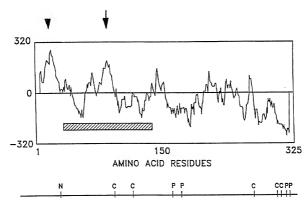


FIG.2B



FIG.3

* ** ** ** ** ** ** ** ** ** ** ** **	XFZZD TROPNHIAHS TOANAITAIE OPEGIJHES SPILEFICA WYADICTIDE 96 EVENENHIAHS TOANAITAIE OPEGIJAHS SPELIFERA WYADICTIDE 100 hFRZB TROPNHIAHS TOANAITAIE OPEGIJAHS SPILEFICA WYADICTIDE 100 ssensus TROPNHIAHS TOANAITAIE OPEGIJAHS	XPIZED QHEPINPUCKS VUCRANAÇUE PILIKYRHIM PEBLACERLE VUDGOVCISP 146 PEZED QHEPINPUCKS VUCRANĄCES PILIKYRHIM PEBLACERLE VUDGOVCISP 150 PRZEZ QHEPINPUCKS VUCRANĄCHE PILIKYRHIM PEPUMACERLE VUDGOVCISP 150 seensus QHEPINPUCKS VUCRANĄCHE PILIKYRHSM PEPUMACERLE VUDGOVCISP 150	XPXZD ÄEIVTNEGE DSMEDFPNDS MAGNEGASSTAG (DAYKKHAM) (SKYYLAMNY 196 PRZD BALVYDD-7APPENDS SAGAGGASS IBÇKKKHAM (TWYPENNY 195 PRZB BALVYDD-7APPENDS SAGAGGASS (DAKKHAM AGKYPENNY 195 BRALVYDD-7APPENDS SAGAGGASS (BACKKHAM AGKYPENNY 195 SGENSUS BALVYDD-7APPENDS SAGAGGASS (BACKKHAM AGKYPENNY 195		XP-2D ROLVANEETH INGVERIGEN RULLANGGIN EKNAPRIDAKK VKRWICKER 296 BERNYEETH INGVERIGEN RULLANGGIN KRWINGKEK VKRWINGKIH 295 BERNA PHINNEETH INGVERIGENS RULLANGGIN EKKAPRIGKEK VKRWINGKIH 295 Sensus PHINNEETH INGVERIGENS RULLANGGIN EKKAPRIGKK VKRWINGKLIGH 395	XFZZDPRK GAUPVAPIPN KNINGROMS bPrzb LGIATSDSSH EDSTGOGNEG RUSINGROMAN hPRZB LGIAKSDSSN GKSTGOGNEG RUSINGROMAN 125 sensus LGISDSS. SDSTGOVE RUSINGROMAN 326 327
xFrzb	xFrzb	xFrzb	XFrzb	xFrzb	XFrzb	XFrzb
bFrzb	bFrzb	bFrzb	bFrzb	bFrzb	bFrzb	bFrzb
hFRZB	hFRZB	hFRZB	hFRZB	hFRZB	hFRZB	hFRZB
Consensus	Consensus	Consensus	Consensus	Consensus	Consensus	Consensus

FIG.4

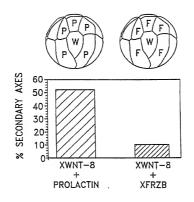


FIG.5

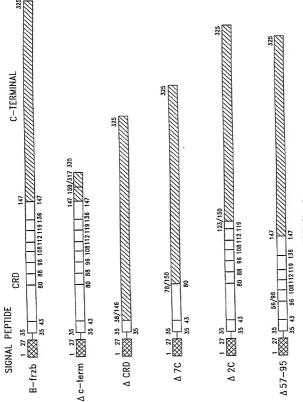


FIG.6

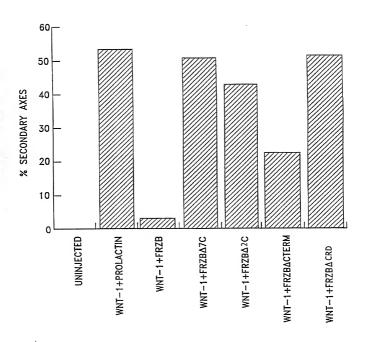


FIG. 7